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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

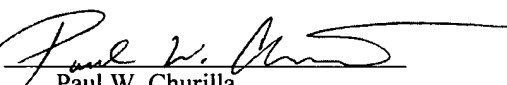
Applicant: Steven P. Pope et al.
Title: Maximum Likelihood Sequence Estimator which Computes Branch Metrics in Real Time
Docket No.: BU2446/0033-033001
Serial No.: 09/636,000
Filed: August 9, 2000
Due Date: January 24, 2007
Examiner: Kevin Michael Burd
Group Art Unit: 2611

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

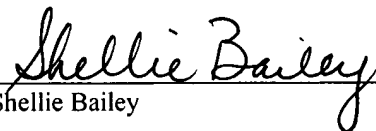
We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ Return postcard and transmittal document.
- ☒ An Amendment and Response Under 37 CFR § 1.116 (11 Pages).

Customer Number: 57246

By 
Paul W. Churilla
Reg. No. 47,495

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24th day of January, 2007.


Shellie Bailey

(GENERAL)



**Expedited Examining Procedure
Group Art Unit 2611
Response to final rejection under 37 C.F.R. § 1.116**

S/N 09/636,000

PATENT

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AMENDMENT AND RESPONSE UNDER 37 CFR § 1.116

Mail Stop AF
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P.O. Box 1450
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Applicants have reviewed the Final Office Action mailed on October 24, 2006.

Applicants respectfully request reconsideration of the application in view of the following.